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Pronomic DX-50 USB MKII

Pronomic DX-50 USB MKII 4-Channel DJ Mixer Instruction Manual

Model: DX-50 USB MKII

1. INTRODUCTION

The Pronomic DX-50 USB MKII is a professional 4-channel DJ mixer designed for a wide range of applications, including discos, parties, restaurants, and presentations. Its user-friendly design ensures that both experienced and less experienced users can fully utilize its features. This manual provides detailed instructions for setting up, operating, and maintaining your mixer.

Key features include a recording function, integrated Bluetooth interface, USB player with transport controls, and multiple input channels.

2. IMPORTANT SAFETY INSTRUCTIONS

- **Read Instructions:** Read all safety and operating instructions before using the product.
- **Retain Instructions:** Keep the safety and operating instructions for future reference.
- **Heed Warnings:** Adhere to all warnings on the product and in the operating instructions.
- **Follow Instructions:** Follow all operating and usage instructions.
- **Water and Moisture:** Do not use this apparatus near water (e.g., bathtub, washbowl, kitchen sink, laundry tub, wet basement, or swimming pool).
- **Ventilation:** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- **Heat:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Power Sources:** Use only power sources specified by the manufacturer.
- **Power-Cord Protection:** Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- **Cleaning:** Clean only with a dry cloth.
- **Servicing:** Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

3. PACKAGE CONTENTS

Please check that all items listed below are included in your package. If any items are missing or damaged, contact your dealer immediately.

- Pronomic DX-50 USB MKII DJ Mixer
- Power Adapter (AC 12V)
- USB Stick (32 GB, if included in your specific bundle)
- User Manual (this document)

4. PRODUCT OVERVIEW

Familiarize yourself with the various controls and connections on your DX-50 USB MKII mixer.

4.1 Front Panel Controls

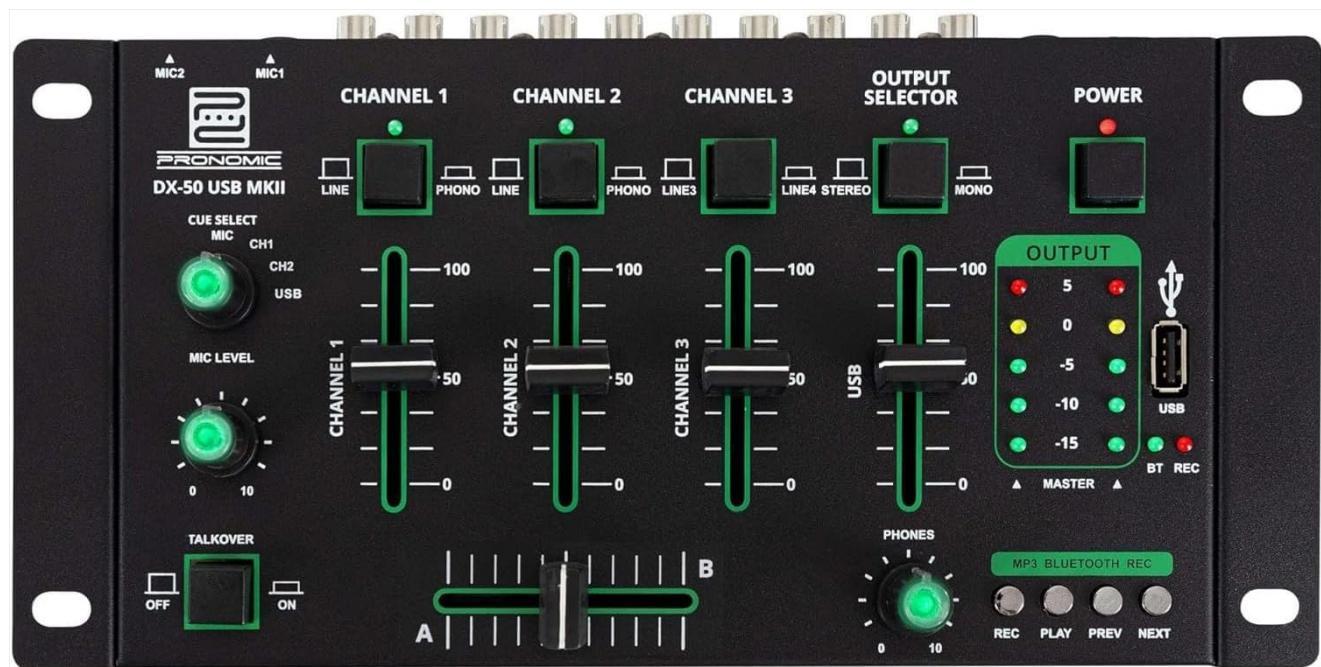


Figure 4.1: Front Panel Layout of the DX-50 USB MKII Mixer. This image displays the main control surface, including input channel selectors, volume faders, cue select buttons, microphone level control, talkover switch, master output level meters, and the USB/Bluetooth player controls.

1. **MIC 1/2 Inputs:** Connect microphones.
2. **Channel 1-4 Input Selectors:** Switch between LINE, PHONO, or USB/Bluetooth inputs for each channel.
3. **Channel Faders:** Adjust the volume level for each channel.
4. **CUE Select Buttons:** Route specific channels to the headphone output for monitoring.
5. **MIC Level Knob:** Adjust the volume of the microphone inputs.
6. **Talkover Switch:** Activates the talkover function, which automatically lowers music volume when speaking into the microphone.
7. **Output Selector:** Choose between Stereo or Mono master output.
8. **Power Switch:** Turns the mixer on/off.
9. **Output Level Meters:** LED indicators showing the master output level.
10. **USB Port:** Connect a USB drive for MP3 playback and recording.
11. **MP3/Bluetooth/REC Player Controls:** Buttons for Play/Pause, Previous, Next, and Record functions for the

integrated player.

12. **Phones Level Knob:** Adjusts the volume of the headphone output.

13. **Crossfader (A/B):** Blends between channels assigned to A and B.

4.2 Rear Panel Connections

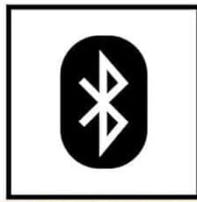
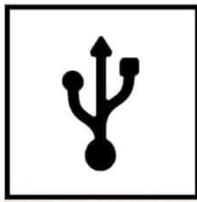


Figure 4.2: Rear Panel Connections of the DX-50 USB MKII Mixer. This image shows the AC 12V power input, PHONES output, MASTER OUT L/R (RCA), and the various RCA inputs for Channels 1, 2, 3/LINE 3, and 4/LINE 4, as well as the MIC 1 and MIC 2 inputs.

1. **AC 12V Power Input:** Connect the provided power adapter here.
2. **PHONES Output:** 6.3mm jack for connecting headphones.
3. **MASTER OUT L/R (RCA):** Connect to your main amplifier or powered speakers.
4. **Channel 1 & 2 Inputs (RCA Line/Phono):** Connect turntables (Phono) or other line-level devices (CD players, media players). Use the front panel selector to switch.
5. **Channel 3 & 4 Inputs (RCA Line):** Connect line-level devices.
6. **MIC 1 & 2 Inputs (6.3mm Jack):** Connect microphones.

5. SETUP

Follow these steps to set up your Pronomic DX-50 USB MKII mixer:

- Power Connection:** Ensure the mixer's power switch is in the OFF position. Connect the supplied AC 12V power adapter to the "AC 12V" input on the rear panel of the mixer. Plug the adapter into a suitable power outlet.
- Master Output Connection:** Connect the "MASTER OUT L/R" RCA outputs on the rear panel to the inputs of your amplifier or powered speakers.
- Input Device Connection:**
 - Turntables:** Connect turntables to the "CHANNEL 1" or "CHANNEL 2" RCA inputs. Set the corresponding input selector on the front panel to "PHONO".
 - CD Players/Line Devices:** Connect CD players, media players, or other line-level devices to "CHANNEL 1", "CHANNEL 2", "CHANNEL 3", or "CHANNEL 4" RCA inputs. Set the corresponding input selector on the front panel to "LINE".
 - Microphones:** Connect microphones to the "MIC 1" or "MIC 2" 6.3mm jack inputs on the rear panel.
- Headphone Connection:** Connect your headphones to the "PHONES" 6.3mm jack on the rear panel.
- USB Drive (Optional):** If using a USB drive for playback or recording, insert it into the "USB" port on the front panel.
- Power On:** Once all connections are made, switch the mixer's power switch to the ON position. The power indicator LED will illuminate.

6. OPERATING INSTRUCTIONS

6.1 Basic Mixing

- Select Input:** For each channel, use the input selector switch (LINE/PHONO/USB/BT) to choose the desired audio source.
- Adjust Channel Volume:** Use the vertical faders for each channel to adjust its individual volume level.
- Master Output:** Monitor the "OUTPUT" LED meters and adjust the master volume knob (if present, otherwise rely on channel faders and amplifier volume) to achieve a suitable overall output level without clipping.
- Crossfader:** Use the crossfader to smoothly transition between channels assigned to A and B. Channels 1 and 2 are typically assigned to the crossfader.

6.2 Microphone Usage

- Connect your microphone to one of the MIC inputs on the rear panel.
- Adjust the "MIC LEVEL" knob on the front panel to control the microphone's volume.
- Talkover Function:** Activate the "TALKOVER" switch to automatically reduce the volume of the music when you speak into the microphone. This is useful for announcements.

6.3 USB Playback and Recording

- USB Playback:** Insert a USB drive containing MP3 files into the "USB" port. Select "USB" as the input source for the dedicated USB channel. Use the "PLAY/PAUSE", "PREV", and "NEXT" buttons to control playback.
- USB Recording:** Press the "REC" button to start recording the master output to the connected USB drive. Press "REC" again to stop recording. Ensure your USB drive has sufficient free space and is formatted correctly (FAT32 is commonly supported).

6.4 Bluetooth Connectivity

- Activate Bluetooth:** Select "BT" as the input source for the dedicated Bluetooth channel. The mixer will enter pairing mode.
- Pair Device:** On your Bluetooth-enabled device (smartphone, tablet, etc.), search for available Bluetooth devices. Select "Pronomic DX-50 USB MKII" (or similar name) from the list to pair.
- Play Audio:** Once paired, you can play audio from your device through the mixer. Control playback from your device or using the mixer's transport controls (if supported by your device).

6.5 Monitoring with Headphones

- Connect headphones to the "PHONES" output.
- Use the "CUE SELECT" buttons to choose which channels you want to monitor in your headphones without affecting the main output.
- Adjust the "PHONES" level knob to set your desired headphone volume.

7. MAINTENANCE

- Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth to wipe the surface of the mixer. Do not use liquid cleaners, aerosols, or solvents.
- Storage:** Store the mixer in a cool, dry place away from direct sunlight and extreme temperatures.
- Fader and Knob Care:** Avoid excessive force when operating faders and knobs. Periodically check for dust or debris accumulation around moving parts.
- Cable Management:** Ensure cables are not kinked or strained, which can lead to damage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power adapter not connected; Power switch off; Faulty power outlet.	Check power adapter connection; Ensure power switch is ON; Try a different power outlet.
No sound from main output	Master volume too low; Amplifier/speakers off or disconnected; Incorrect input selection; Channel faders down.	Increase master volume; Check amplifier/speaker connections and power; Verify correct input selected for channels; Raise channel faders.
No sound from headphones	Headphone volume too low; Headphones not connected; No CUE selected.	Increase PHONES level; Connect headphones properly; Press CUE button for desired channel.
Bluetooth not pairing	Mixer not in pairing mode; Device too far; Interference.	Ensure BT input is selected; Bring device closer; Restart mixer and device.
USB playback not working	USB drive not inserted correctly; Incorrect file format; USB drive not formatted correctly.	Re-insert USB drive; Ensure files are MP3; Format USB drive to FAT32.

9. SPECIFICATIONS

Model	Pronomic DX-50 USB MKII
Number of Channels	4
Connectivity Technology	Bluetooth, USB
Audio Input	RCA (line/phono), 6.3mm microphone, Bluetooth, USB
Output Connector Type	RCA (Master Out), 6.3mm (Phones)
Power Source	Electric Cable (AC 12V adapter)
Dimensions (without corner brackets and controls)	222 x 129 x 28 mm (Width x Depth x Height)
Total Dimensions (with corner brackets and controls)	267 x 136 x 51 mm (Width x Depth x Height)
Weight	790 g

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact your retailer. Keep your proof of purchase for any warranty claims.

For further assistance, you may also visit the official Pronomic website or contact their customer service department.